

Title (en)
LIGHTING DEVICE FOR VEHICLES PROVIDED WITH LED LIGHTING MODULES

Title (de)
BELEUCHTUNGSVORRICHTUNG FÜR MIT LED-BELEUCHTUNGSMODULEN AUSGESTATTETE FAHRZEUGE

Title (fr)
DISPOSITIF D'ÉCLAIRAGE POUR VÉHICULES POURVUS DE MODULES D'ÉCLAIRAGE À DEL

Publication
EP 3354971 A1 20180801 (EN)

Application
EP 17154083 A 20170131

Priority
EP 17154083 A 20170131

Abstract (en)
Rotating lighting module (5) designed to equip a lighting device (1) for vehicles, including at least one first LED light source (6), at least one first reflector (7) and at least one first actuator (8) to rotate the first reflector relative to the first LED light; wherein a framed support (4) holds rigid in a fixed position the at least one first LED light source (6) and bears in idling manner said first reflector (7); the at least one first LED light source (6) being operatively associated with the framed support in such a manner to transfer thereto by heat conduction at least a major part of a thermal flow (F) generated in operation by the first LED light source; and the framed support (4) being made entirely of a heat conductive metal or metal alloy and being designed to behave as a thermal dissipator.

CPC (source: CN EP)
F21S 41/675 (2018.01 - EP); **F21S 45/47** (2018.01 - EP); **F21V 23/003** (2013.01 - CN); **F21V 29/89** (2013.01 - CN)

Citation (applicant)
EP 2902701 A1 20150805 - VALEO VISION [FR]

Citation (search report)
• [XA] US 2008266890 A1 20081030 - MOCHIZUKI MITSUYUKI [JP], et al
• [XI] EP 2386794 A2 20111116 - ICHIKOH INDUSTRIES LTD [JP]
• [I] DE 102015206755 A1 20160504 - HYUNDAI MOTOR CO LTD [KR]
• [X] JP 2008010265 A 20080117 - ICHIKOH INDUSTRIES LTD

Cited by
CN113775964A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3354971 A1 20180801; **EP 3354971 B1 20210630**; CN 108916800 A 20181130; CN 108916800 B 20230414

DOCDB simple family (application)
EP 17154083 A 20170131; CN 201810097039 A 20180131